

# **Family and Consumer Sciences:** ***Foundational Career Readiness Education***

Briefing for U.S. Department. of Education  
May 6, 2015

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National Association of State Administrators of  
Family and Consumer Sciences

# Agenda

Welcome

**Mark Mitsui,**

Deputy Assistant Secretary for Community Colleges,  
Office of Career, Technical, and Adult Education (OCTAE),  
U.S. Department of Education

Introductions

Family & Consumer Sciences

Alignment & Connections

State Examples

Questions & Answers

# Welcome

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# 2014-15 Executive Committee:

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- **Jean Kelleher (PA)** FCCLA Representative
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# Who is NASAFACS?

- Mission:

*The mission of the National Association of State Administrators of Family and Consumer Sciences (NASAFACS) is to **provide leadership for sustainable Family and Consumer Sciences Education Programs.***

- Membership:

- State Program Administrators—Business and Industry Partners
- Professional Organizations—Family and Consumer Sciences Consultants



- 27,000 Family and Consumer Sciences Teachers
  - Bachelor degrees in Education with an emphasis in interdisciplinary fields
  - Industry professionals—specialists in an identified field
- 3.5 million students
  - Diverse student populations
  - Large and small educational systems
  - All geographic locations in the U.S.



Who is

*Family and Consumer  
Sciences Education?*

NASAFACS



Family and Consumer Sciences prepares students for family life, work life and careers by providing opportunities to.....

- Strengthen the well-being of individuals and families across the life span,
- Promote optimal nutrition and wellness,
- Balance personal, home, family and work lives,
- Manage resources to meet needs of individuals and families, and
- Apply critical and creative thinking skills to address problems in diverse families, community and work environments.

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*“Because of the rapid changes both technological and social, it is becoming less possible to operate our lives effectively using old paradigms.*

*The learners today will be living in a society that will require its citizens to think constructively, make sound decisions, solve problems, access information and take responsibility for their own lives.*

*The educational challenge is to build essential skills for learners in preparation for adult life.”*

Transitioned from content delivery to content and process of information.... hence created a new model for instructional focus

## “Family and Consumer Sciences 21<sup>st</sup> Century Process Skills”

- Creativity
- Leadership
- Critical Thinking
- Management
- Goal Setting
- Problem Solving
- Decision Making
- Cooperative Learning

National Standards for



[www.nasafacs.org](http://www.nasafacs.org)



# Family and Consumer Sciences

- Inquiry based
- Research based
- Project based/Problem based
- Ever evolving to meet needs of humans through prevention education and Family and Consumer Sciences related careers

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# Family and Consumer Sciences education pulls from...

Foundational Applied Academics

- Biology
- Economics
- Chemistry
- Anthropology
- Physics
- Sociology
- Art (Design)
- Political Science

- Psychology
- Statistics
- Communications
- Business
- Philosophy

... to meet human  
needs and improve  
quality of life.



(Source: [www.Onetonline.org](http://www.Onetonline.org))

# Two focus areas:

## 1. Developing foundational life skills.

- Nutrition Education
- Personal Wellness
- Healthy Relationships
- Consumer, Personal and Family Financial Capability
- Career and Life Planning
- Work and Family Balance
- Resource Management
- Character Development

## 2. Building Family and Consumer Sciences career and technical skill training.



- Early Childhood Educator
- Social Worker
- Counselor
- Financial Planner
- Chef
- Restaurant Manager
- Event Planner
- Hotel Manager
- Teacher

# Family, Career and Community Leaders of America

- Aligned to Family and Consumer Sciences content and process
- Real World Application
- Authentic Assessment
- 200,000 members
- 6.4 million impacted

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*“The most important family value is  
time with your family.*

*It’s important to put food on the table,  
but we want you to be at the table.”*

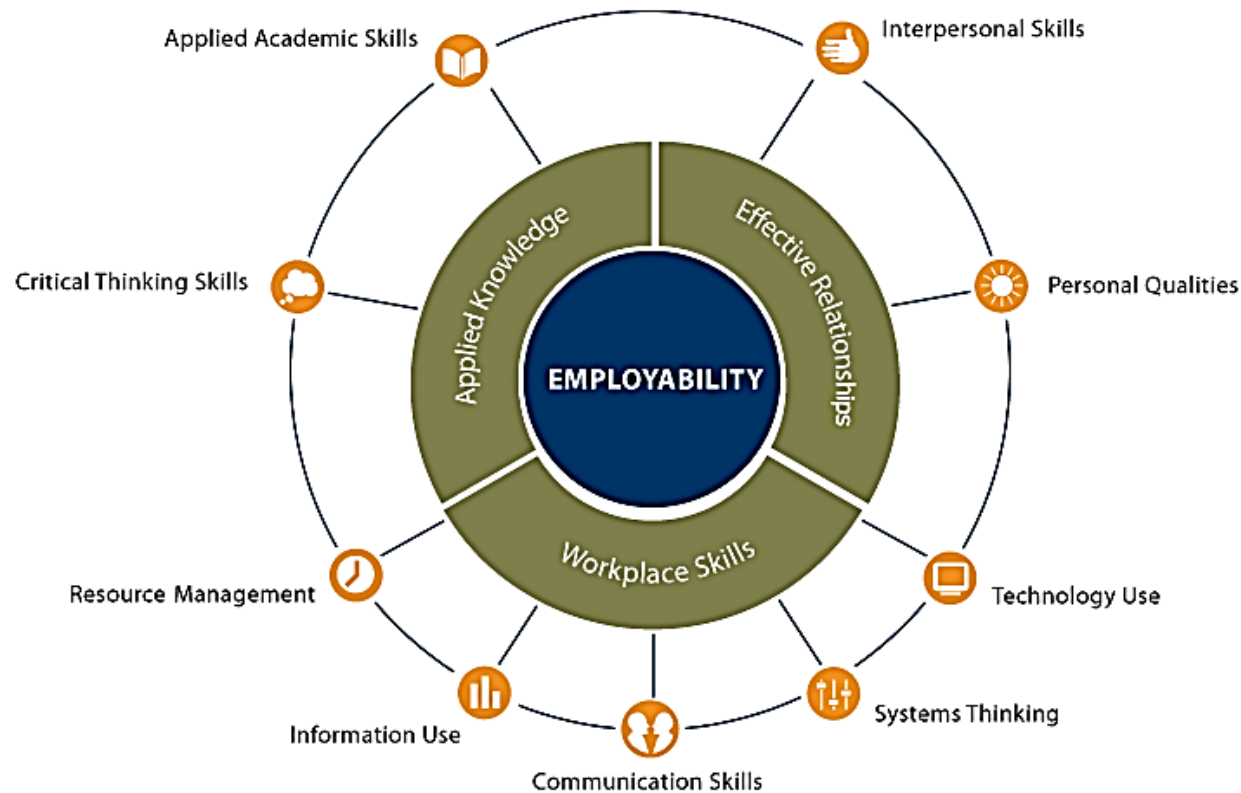
*Secretary Tom Perez  
U.S. Department of Labor*



# Employability Skills

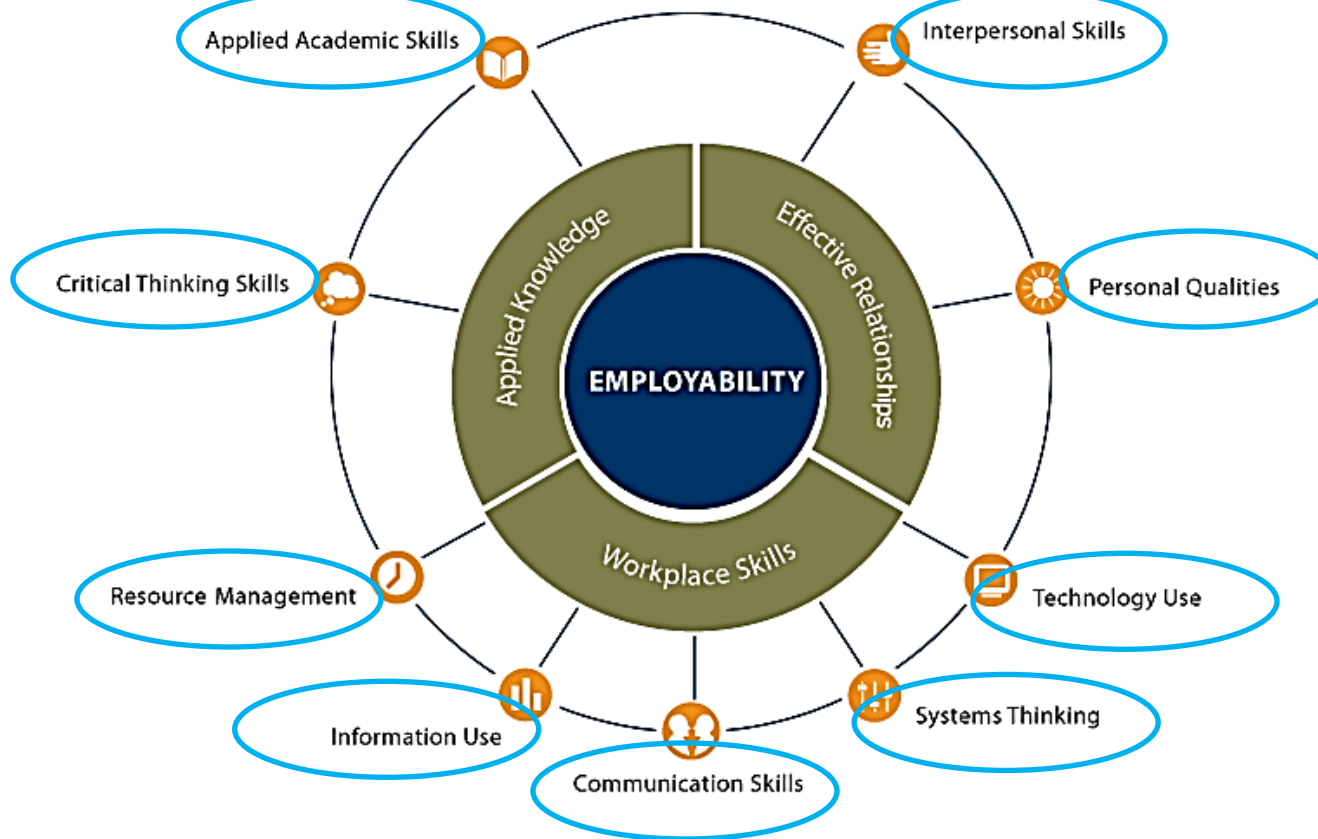


- U.S. Department of Education:  
Employability Skills Framework

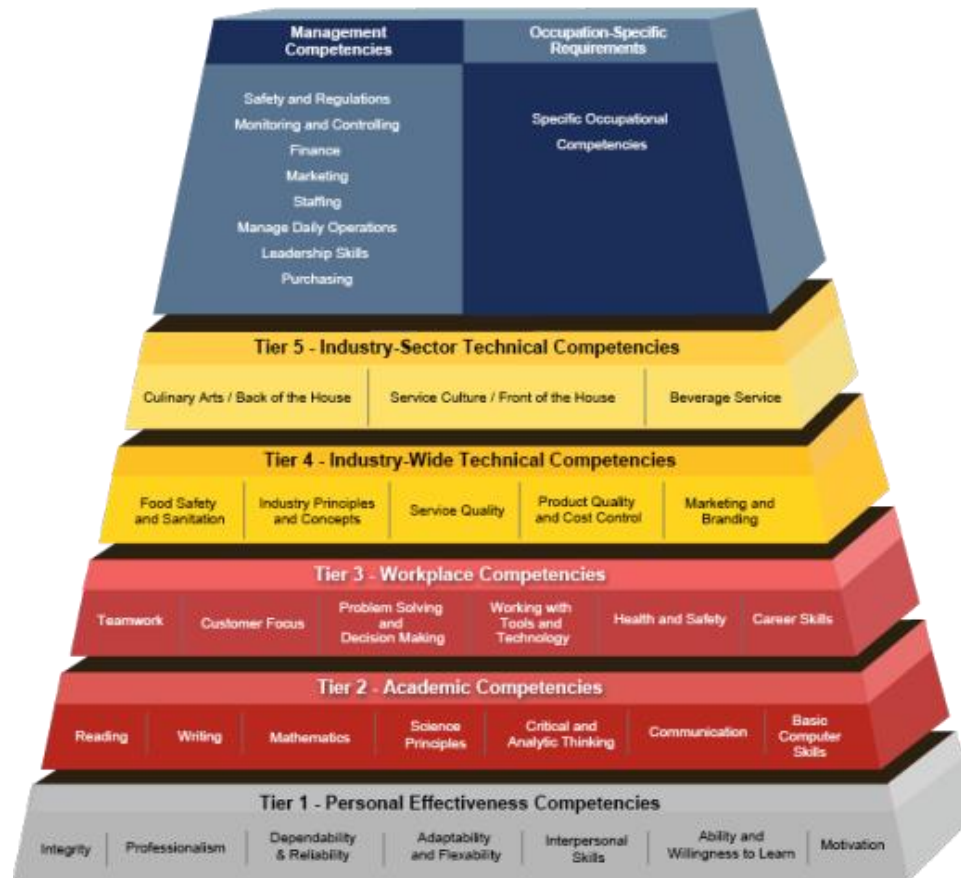


# U.S. Department of Education: Employability Skills Framework

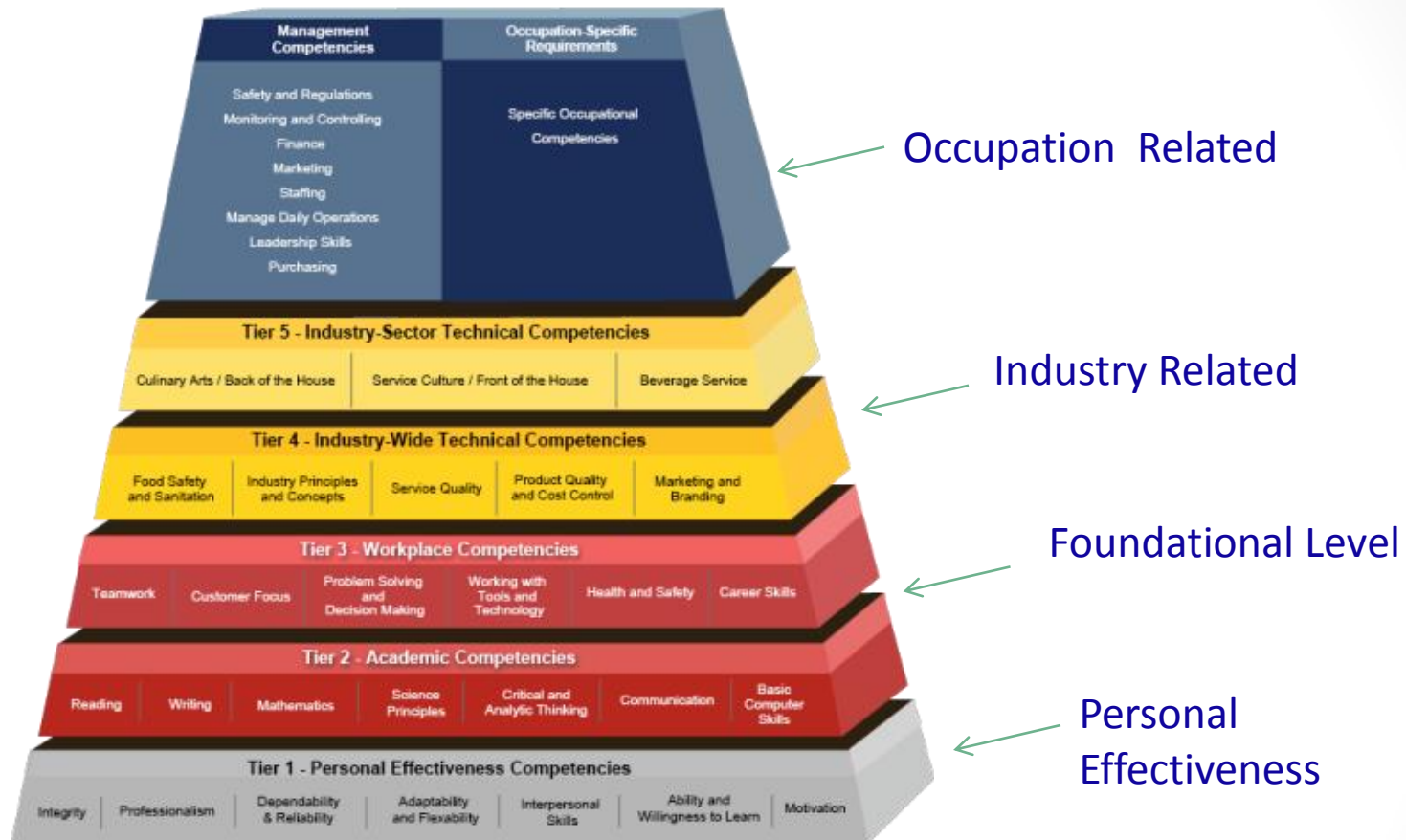
## --Family and Consumer Sciences Process Skill Alignment



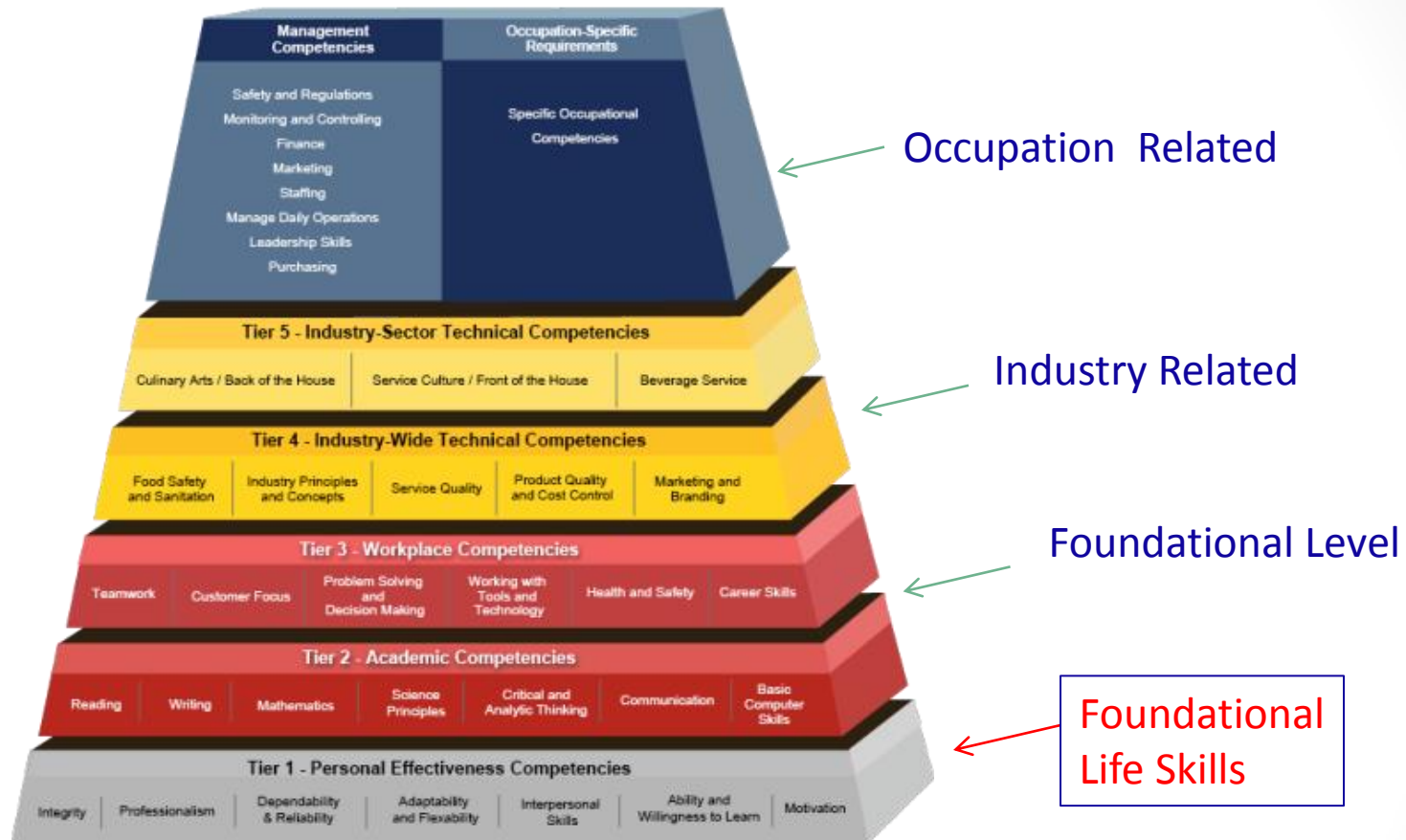
- U.S. Department of Labor: Tiered Competency Model



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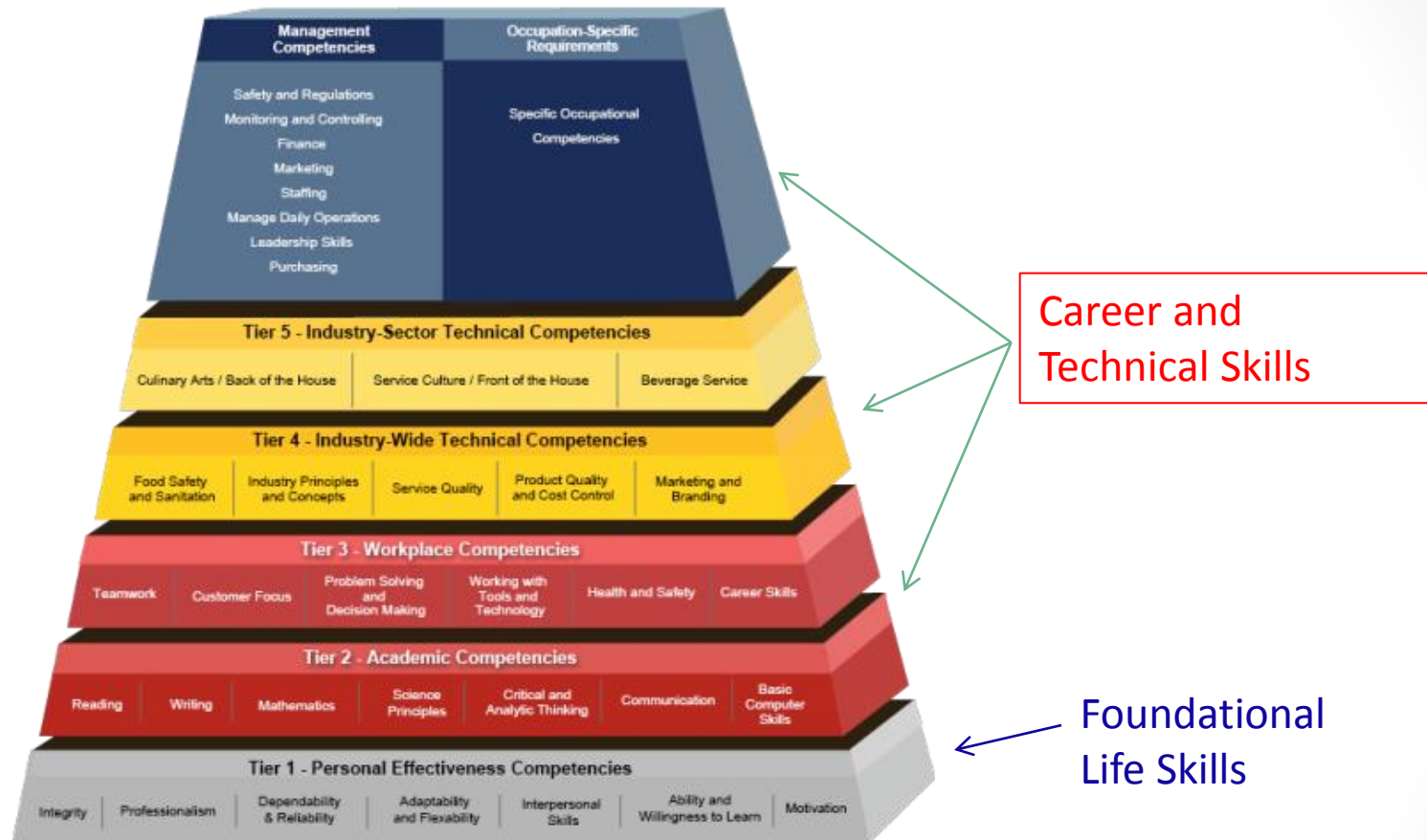


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- U.S. Department of Labor: Tiered Competency Model





# Family and Consumer Sciences and STEM



*“Hundreds of thousands of visitors to the new space will be students. Maybe they’ll come initially because they love clothes and fashion, but then will learn fashion is a business, an art and a career.*

*Maybe they will learn about the math behind Charles James designs and they’ll think to themselves, maybe I should pay closer attention to Geometry”.*

*First Lady, Michelle Obama*



# STEM

- Seven definitions:

Science—Technology—Engineering—Mathematics

STEM Career Cluster Pathways

iSTEM

STEM Literacy

- Family and Consumer Sciences is connected with all.



# STEM alignment (examples):

- Food Science and Innovation
- Bakery Science
- Fiber Manufacturing
- Smart Fibers
- Smart Homes
- Recycle/Redesign
- Sustainability Living Practices
- Early STEM Education
- Embedded computation within real life problems (e.g. culinary arts, technical design)
- Universal housing design



# STEM Literacy

(Source: The STEM Leader Guide', Meeder, H, 2013.)

## Two facets to STEM Literacy

- Specific employability skills:
  - Thinking and Reasoning
  - Collaboration
  - Problem solving
  - Creativity
- Instructional Strategies:
  - Inquiry based
  - Project based
  - Problem based
  - Challenge based



# STEM Literacy

(Source: The STEM Leader Guide, Meeder, H, 2013.)

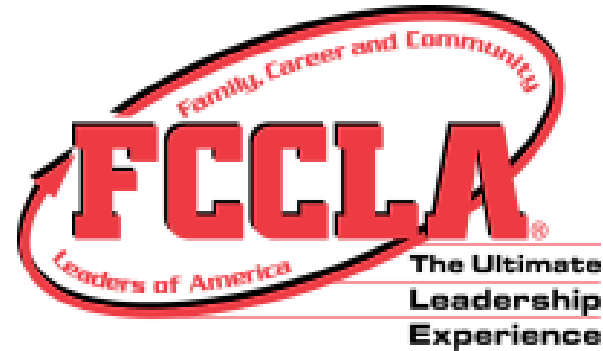
## Two facets to STEM Literacy (Family and Consumer Sciences Alignment)

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# Career and Technical Student Organization Connections

- STEM Connections :
  - Five Step Planning Process aligns to STEM process steps
  - Leadership development
  - Collaborative nature
  - Project based/Problem based
  - Real world applications, authentic experiences and assessments within the Family and Consumer Sciences context



# National Research Shows Impact on Student/Member Skill Development :

- 66% of students\* responded they possess the following employability skills due to their Family and Consumer Sciences training and FCCLA experiences:

Communicating well with others

Working with others successfully

Being a team player

\*Results were similar across all genders, race and socio-economic circumstance.





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**Direct Tie**



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# Additional Family and Consumer Sciences Connections



# Early Learning/Quality Early Education

## Foundational Life Skills:

Pre-Parenting Education so future parents (the child's first teacher) can meet the needs of children.

## Career and Technical Education:

Early Childhood Development and Services career training to meet the need for quality providers and related professionals.



# Family and Community Engagement

Family and Consumer Sciences is the only discipline that focuses on foundational life skills, in family context.

Human Services careers are technical skills aligned.

Family, Career and Community Leaders of America is the only career and technical student organization that focuses on the role of the family.

Project based competitions are aligned with family and community applications.

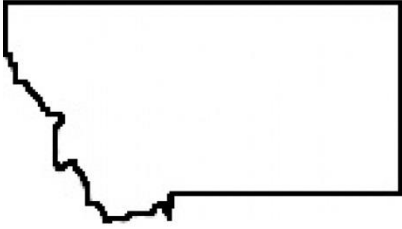
9.9 million impacted annually through the classroom and community interactions.



# State Examples

Montana—Georgia—Washington—Kansas





# Montana

- 175 Family and Consumer Sciences teachers
- 7,800 Family and Consumer Sciences students
- 71 FCCLA Chapters
- Community Outreach: 37,500 in 2013-14

## College and Career Readiness:

- Family and Consumer Sciences Graduation Rate
- Impact Stories

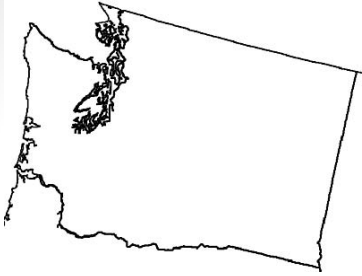


# Georgia

- 1171 Family and Consumer Science teachers
- 161,303 Family and Consumer Sciences students
- 312 FCCLA Chapters
- Community Outreach: 621,000 in 2013-14

## College and Career Readiness:

- Obesity Prevention Alliance
- Early Childhood Education Industry Certification Program



# Washington

- 606 Family and Consumer Science teachers
- 114,400 Family and Consumer Sciences students
- 144 FCCLA Chapters
- Community Outreach: 167,000 in 2013-14

## College and Career Readiness:

- Advanced Placement and Academic Equivalency Crediting
- 2013 & 2014—FCCLA National Financial Fitness Award
- Expansion of Early Learning within Family and Consumer Sciences







# Kansas

- 455 Family and Consumer Science teachers
- 97,200 Family and Consumer Sciences students
- 200 FCCLA Chapters
- Community Outreach: 220,000 in 2013-14

## College and Career Readiness:

- Prevention Education—Healthy Families in Kansas
- Youth Mental Health First Aid Training



# Summary



*"To put the world in order,  
we must first put the nation in order;  
To put the nation in order,  
we must first put the family in order;  
To put family in order,  
we must first cultivate our personal life;  
we must first set our hearts right".*



*Confucius*

# Family and Consumer Sciences is foundational career readiness education:

- **Foundational life skill development** promotes wellness of individuals, their families and communities in which they live.
- **Employability skill education** is foundational to all career clusters, work application and life balance.
- **Workforce training**, in multiple industry sectors, is foundational to meeting the needs of human beings.





# Questions?

What can we do to advance your work?

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